



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
WASHINGTON, DC 20555 - 0001

November 17, 2004

SCHEDULE AND OUTLINE FOR DISCUSSION  
518<sup>th</sup> ACRS MEETING  
DECEMBER 2-4, 2004

**THURSDAY, DECEMBER 2, 2004, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH,  
ROCKVILLE, MARYLAND**

- 1) 8:30 - 8:35 A.M. Opening Remarks by the ACRS Chairman (Open) (MVB/JTL/SD)
  - 1.1) Opening statement
  - 1.2) Items of current interest
  
- 2) 8:35 - 10:00 A.M. Expert Elicitation on Large-Break LOCA Frequencies (Open) (GEA/MRS)
  - 2.1) Remarks by the Cognizant Subcommittee Chairman
  - 2.2) Briefing by and discussions with representatives of the NRC staff regarding draft predecisional NUREG-XXX, "Estimating Loss-of-Coolant Accident (LOCA) Frequencies Through the Elicitation Process," and the conclusions and recommendations of the Expert Elicitation Panel.

Representatives of the nuclear industry and members of the public may provide their views, as appropriate.

**10:00 - 10:15 A.M. \*\*\*BREAK\*\*\***

- 3) 10:15 - 11:45 A.M. Proposed Rule for Risk-Informing 10 CFR 50.46 (Open) (WJS/MRS)
  - 3.1) Remarks by the Cognizant Subcommittee Chairman
  - 3.2) Briefing by and discussions with representatives of the NRC staff regarding the proposed rule for risk-informing 10 CFR 50.46, "Acceptance Criteria for Emergency Core Cooling Systems for Light-Water Nuclear Power Reactors."

Representatives of the nuclear industry and members of the public may provide their views, as appropriate.

**11:45 - 12:45 P.M. \*\*\*LUNCH\*\*\***

- 4) 12:45 - 2:45 P.M. Technical Basis for Potential Revision of the Pressurized Thermal Shock (PTS) Screening Criteria in the PTS Rule (Open) (WJS/HPN/CS)
  - 4.1) Remarks by the Cognizant Subcommittee Chairman
  - 4.2) Briefing by and discussions with representatives of the NRC staff regarding the technical basis for potential revision of the PTS screening criteria in the PTS rule.

Representatives of the nuclear industry and members of the public may provide their views, as appropriate.

- 5) 3:00 - 4:30 P.M. Preparation of ACRS Reports (Open)  
 Discussion of proposed ACRS reports on:
- 5.1) Expert Elicitation on Large-Break LOCA Frequencies (GEA/MRS)
  - 5.2) Proposed Rule for Risk-Informing 10 CFR 50.46 (WJS/MRS)
  - 5.3) Technical Basis for Potential Revision of the PTS Screening Criteria (WJS/HPN/CS)

**4:30 - 4:45 P.M. \*\*\*BREAK\*\*\***

- 6) 4:45 - 7:00 P.M. Safeguards and Security Matters (Closed) (MVB/RPS/RKM)  
 Discussion of Safeguards and Security matters.

**[NOTE: This session will be closed to protect information classified as national security information and safeguards information pursuant to 5 U.S.C. 552b(c)(1) and (3).]**

**FRIDAY, DECEMBER 3, 2004, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND**

- 7) 8:30 - 8:35 A.M. Opening Remarks by the ACRS Chairman (Open) (MVB/JTL/SD)
- 8) 8:35 - 9:00 A.M. Peer Review Comments on the Technical Basis for Revising the PTS Screening Criteria (Open) (WJS/HPN/CS)
- 8.1) Remarks by the Cognizant Subcommittee Chairman
  - 8.2) Briefing by and discussions with the Chairman of the Peer Review Panel, as needed, regarding the Panel's comments on the technical basis for potential revision of the PTS screening criteria.
- 9) 9:00 - 10:30 A.M. Draft Commission Paper on Technology Neutral Framework for Future Plant Licensing - Policy Issues (Open) (TSK/MME)
- 9.1) Remarks by the Cognizant Subcommittee Chairman
  - 9.2) Briefing by and discussions with representatives of the NRC staff regarding the draft Commission Paper on "Regulatory Structure for New Plant Licensing, Part 1: Technology Neutral Framework - Policy Issues."

Representatives of the nuclear industry and members of the public may provide their views, as appropriate.

**10:30 - 10:45 A.M. \*\*\*BREAK\*\*\***

- 10) 10:45 - 11:00 A.M. Subcommittee Report (Open) (GEA/MRS)  
 Report by the Chairman of the ACRS Subcommittee on Reliability and Probabilistic Risk Assessment regarding the status of development of the draft NUREG document on Treatment of Uncertainties.

11) 11:00 - 11:15 A.M. Subcommittee Report (Open) (MVB/CS)  
Report by the Chairman of the ACRS Subcommittee on Plant License Renewal regarding interim review of the license renewal application for the Arkansas Nuclear One, Unit 2 Nuclear Power Plant.

12) 11:15 - 11:45 A.M. Election of ACRS Officers for CY 2005 (Open) (MVB/JTL/SD)  
The Committee will elect Chairman and Vice Chairman for the ACRS and Member-at-Large for the Planning and Procedures Subcommittee for CY 2005.

**11:45 - 1:45 P.M. \*\*\*LUNCH\*\*\***

13) 1:45 - 2:45 P.M. Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open) (MVB/JTL/SD)  
13.1) Discussion of the recommendations of the Planning and Procedures Subcommittee regarding items proposed for consideration by the full Committee during future ACRS meetings.  
13.2) Report of the Planning and Procedures Subcommittee on matters related to the conduct of ACRS business, including anticipated workload and member assignments.

14) 2:45 - 3:00 P.M. Reconciliation of ACRS Comments and Recommendations (Open) (MVB, et al./SD, et al.)  
Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters.

**3:00 - 3:15 P.M. \*\*\*BREAK\*\*\***

15) 3:15 - 7:00 P.M. Preparation of ACRS Reports (Open/Closed)  
Discussion of the proposed ACRS reports on:  
15.1) Expert Elicitation on Large-Break LOCA Frequencies (GEA/MRS)  
15.2) Proposed Rule for Risk-Informing 10 CFR 50.46 (WJS/MRS)  
15.3) Technical Basis for Potential Revision of the PTS Screening Criteria (WJS/HPN/CS)  
15.4) Technology Neutral Framework for Future Plant Licensing - Policy Issues (Tentative) (TSK/MME)  
15.5) Safeguards and Security Matters (Tentative) (Closed) (MVB/RPS/RKM)

**SATURDAY, DECEMBER 4, 2004, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND**

- 16) 8:30 - 12:30 P.M. Preparation of ACRS Reports (Open/Closed)  
Continue discussion of proposed ACRS reports listed under Item 15.
- 17) 12:30 - 1:00 P.M. Miscellaneous (Open) (MVB/JTL)  
Discussion of matters related to the conduct of Committee activities and matters and specific issues that were not completed during previous meetings, as time and availability of information permit.
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**NOTE:**

- **Presentation time should not exceed 50 percent of the total time allocated for a specific item. The remaining 50 percent of the time is reserved for discussion.**
- **Thirty-Five (35) hard copies and (1) electronic copy of the presentation materials should be provided to the ACRS.**